SURGICAL NEUROLOGY

AN INTERNATIONAL JOURNAL

Volume Contents

VOLUME 45/NUMBER 1/JANUARY 1996

Editorial

1 IN THIS ISSUE . . .
James I. Ausman

Featured Subject: Colloid Cysts

2 MANAGEMENT OUTCOME IN THIRD VENTRICULAR COLLOID CYSTS IN A DEFINED POPULATION: A SERIES OF 40 PATIENTS TREATED MAINLY BY TRANSCALLOSAL MICROSURGERY
Juha Hernesniemi and Sirpa Leivo
COMMENTARY
Gerhard Pendl, Patrick J. Kelly, B.L. Bauer, D. Hellwig, and Bennett M. Stein

Arachnoid Cysts

15 ARACHNOID CYSTS IN ADULTS: EXPERIENCE WITH INTERNAL SHUNTS TO THE SUBDURAL COMPARTMENT
Knut Wester
COMMENTARY
Michael E. Carey and David Danoff

Vascular: Adult and Pediatric

25 DISSECTING ANEURYSM OF THE ANTERIOR CEREBRAL ARTERY CAUSING HEMORRHAGIC INFARCTION
Shuzo Okuno, Chikayuki Ochiai, and Masakatsu Nagai
COMMENTARY
Atos Alves de Sousa, Thomas A. Kopitnik, Jr., and Duke Samson

31 GIANT POSTERIOR CEREBRAL ARTERY ANEURYSM IN A 4-YEAR-OLD CHILD: CASE REPORT
Atos Alves de Sousa, Fernando Luiz Rolemberg Dantas, Antonio Pereira Gomes Neto, Gervásio Teles Cardoso Carvalho

36 A LARGE THROMBOSED SUPERIOR CEREBELLAR ARTERY ANEURYSM: A CASE REPORT
Shiro Nagasawa, Hitoshi Kobata, Jyun Aoki, Masahiro Kawanishi, and Tomio Ohta
COMMENTARY
Thomas A. Kopitnik, Jr., and Duke Samson

39 VEIN OF GALEN ANEURYSMAL MALFORMATION IN AN ADULT: A CASE REPORT
Takumi Abe, Kiyoshi Matsumoto, Kazuya Kiyota, and Hiroshi Tanaka
COMMENTARY
Harold J. Hoffman and Pierre Lasjaunias

Mucocele
44 INTRACRANIAL EXTENSION OF PARANASAL SINUS MUCOCELE: TWO CASE REPORTS
Yuh Koike, Kazuhiko Tokoro, Yasuhiro Chiba, Shin-ichi Suzuki, Masao Murai, and Hiroyuki Ito
COMMENTARY
Felix Umansky, Giorgio Iannetti, Dierk F.B. Kirchhoff

Neoplasm
49 CENTRAL NEUROCYTOMAS: CLINICAL, IMMUNOHISTOLOGIC, AND BIOLOGIC FINDINGS OF A HUMAN NEUROGLIAL PROGENITOR TUMOR
José Manuel Valdueza, Manfred Westphal, Alexander Vortmeyer, Dieter Müller, Barbara Padberg, and Hans-Dietrich Herrmann
COMMENTARY
Jacob L. Chason and David Danoff

Infection
57 NEUROCYSTICERCOSIS AND HIV INFECTION: REPORT OF TWO CASES AND REVIEW
Jose Luis Soto-Hernandez, Luis Ostrosky-Zeichner, Guillermo Tavera, and Alfredo Gomez-Aviña

Experimental
62 NEUROCHEMICAL EFFECTS OF STATIC MAGNETIC FIELD EXPOSURE
G. Kroeker, D. Parkinson, J. Vriend, and J. Peeling
COMMENTARY
Mahmood F. Mafee

Resident's Corner
67 ADVICE TO YOUNG NEUROSURGEONS
Harold J. Hoffman

Genetics for Neurosurgeons
68 FLIES WITH MANY EYES: FIRST MASTER GENE FOUND
Alexander Kolchinsky

Special Article: Epilepsy
71 THE FALLING SICKNESS ARISES
A. Earl Walker

Perspective
84 ON THE PAST OF HUNGARIAN NEUROSURGERY AND ITS PRESENT STATE: A TYPICAL EAST EUROPEAN STORY(?)
György I. Csécsei

Meeting Review
87 THE FIRST INTERNATIONAL CONGRESS OF OMENTUM IN CNS
Harry S. Goldsmith

Editorial
91 **IS THERE A DISEASE AFFECTING NEUROSURGEONS WORLDWIDE?**
James I. Ausman

93 *Book Reviews*

95 *Announcements*

100 *Upcoming Features*

VOLUME 45/NUMBER 2/FEBRUARY 1996

Editorial
101 **IN THIS ISSUE . . .**
James I. Ausman

Featured Subject
102 **TOO MANY NEUROSURGEONS?**
Dennis L. Shubert, Robert P. Goldfarb, Charles B. Wilson, Michael Salcman, David Danoff, Lyle A. French, Harold D. Portnoy, Joseph Ransohoff, John N. Havlina, Jr., W. Eugene Stern, Ronald F. Yake, John C. VanGilder, and Eben Alexander, Jr.

Radiosurgery
110 **NEUROIMAGING STUDIES OF POSTOBLITERATION NIDUS CHANGES IN CEREBRAL ARTERIOVENOUS MALFORMATIONS TREATED BY GAMMA KNIFE RADIOSURGERY**
Masaaki Yamamoto, Mitsunobu Ide, Minoru Jimbo, Kintomo Takakura, Christer Lindquist, and Ladislau Steiner
COMMENTARY
Bennett M. Stein, Lawrence E. Ginsberg, L. Dade Lundsford, Thomas A. Kopitnik, Jr., and Duke Samson

Vascular: Adult and Pediatric
123 **EXTRACEREBRAL CAVERNOUS ANGIOMAS OF THE CAVERNOUS SINUS IN THE MIDDLE FOSSA**
Yoshio Suzuki, Masato Shibuya, Mustafa Kemal Baskaya, Shuji Takakura, Masayuki Yamamoto, Kiyoshi Saito, Steven S. Glazier, and Kenichiro Sugita
COMMENTARY
Keith L. Black, John Robinson, and Robert F. Spetzler

133 **CEREBRAL ANEURYSM THROMBOSIS, SHRINKAGE, THEN DISAPPEARANCE AFTER SUBARACHNOID HEMORRHAGE**
David F. Sobel, Donald Dalessio, Brian Copeland, and Barry Schwartz

138 **CONTRALATERAL EXTERNAL CAROTID-TO-EXTERNAL CAROTID ARTERY (HALF-COLLAR) SAPHENOUS VEIN GRAFT FOR COMMON CAROTID ARTERY OCCLUSION**
Shiro Nagasawa, Hideo Tanaka, Masahiro Kawanishi, and Tomio Ohta
COMMENTARY
Bernard George

143 GIANT ANEURYSM IN THE CAVERNOUS SINUS CAUSING SUBARACHNOID HEMORRHAGE 13 YEARS AFTER DETECTION: A CASE REPORT
Hideo Hamada, Shunro Endo, Osamu Fukuda, Masayosi Ohi, and Akira Takaku
COMMENTARY
James I. Ausman

Neoplasm

147 PRIMARY BENIGN TUMORS OF THE ORBITAL CAVITY: COMPARATIVE DATA IN A SERIES OF PATIENTS WITH OPTIC NERVE GLIOMA, SHEATH MENINGIOMA, OR NEURINOMA
Roberto Delfini, Paolo Missori, Roberto Tarantino, Pasquale Ciappetta, and Giampaolo Cantore
COMMENTARY
Armando J. A. Basso and Joseph C. Maroon

155 MICROSURGICAL REMOVAL OF AN INTRAVENTRICULAR MENINGIOMA WITH ULTRASOUND GUIDANCE, AND BALLOON DILATION OF OPERATIVE CORRIDORS: CASE REPORT AND TECHNICAL NOTE
Philippe Couillard, Mahmoud Z. Karmi, and Adel M. Abdelkader
COMMENTARY
Shelley N. Chou

161 PREOPERATIVE EMBOLIZATION OF MENINGIOMAS FED BY OPHTHALMIC BRANCH ARTERIES
Tomoaki Terada, Yasunobu Kinoshita, Hideyuki Yokote, Mitsuharu Tsuura, Toru Itakura, Norihiko Komai, Yoshinari Nakamura, Satoshi Tanaka, and Tsuyoshi Kuriyama
COMMENTARY
Harry O. Cole and Gerard Debrun

167 SPINAL MALIGNANT LYMPHOMA APPEARING AFTER RADIATION AND CHEMOTHERAPY OF A PINEAL REGION TUMOR
Masaharu Amagasa, Makoto Kawase, So Sato, and Fumiaki Yuda
COMMENTARY
Jeffrey N. Bruce, Bennett M. Stein, Kintomo Takakura, Harold J. Hoffman, and Christoph B. Ostertag

172 HYPOGLOSSAL NEURINOMA EXTENDING INTRA- AND EXTRACRANIALLY: CASE REPORT
M. Sato, N. Kanai, Y. Fukushima, S. Matsumoto, C. Tatsumi, K. Kitamura, M. Ozaki, and T. Hayakawa

Infection

176 MAGENTOENCEPHALOGRAPHIC FEATURES IN NEUROCYSTICERCOSIS
Takato Morioka, Tomoya Yamamoto, Shunji Nishio, Iwao Takeshita, Naoyuki Imamoto, and Masashi Fukui
COMMENTARY
Shokei Yamada and John R. Hughes

183 INTRASELLAR ABSCESS FOLLOWING TRANSSPHENOIDAL SURGERY
Martin M. Henegar, Myles B. Koby, Daniel L. Silbergeld, Keith M. Rich, and Christopher J. Moran
COMMENTARY
Julius M. Goodman and John C. VanGilder

Arachnoid Cyst

189 **NEW SURGICAL TREATMENT OF MIDDLE FOSSA ARACHNOID CYST**
Minoru Shigemori, Akira Okura, Yoshihiko Takahashi, and Takashi Tokutomi

193 **FLUCTUATING HEMIPARESIS CAUSED BY A QUADRIGEMINAL ARACHNOID CYST: CASE REPORT**
Cheuk-Wah Wong, Shih-Tseng Lee, Tai-Ngar Lui, Tony Wu, and Ling-Li Wu

Resident's Corner

196 **HIGH-YIELD NEUROANATOMY**
Lorenzo Muñoz-Ruiz

Meeting Review

197 **AMERICAN ASSOCIATION OF NEUROLOGICAL SURGEONS ANNUAL MEETING, APRIL 1995; ORLANDO, FLORIDA**
Fady T. Charbel

Editorial

200 **ARE THERE TOO MANY NEUROSURGEONS?**
James I. Ausman

Biography

203 **WILLEM LUYENDIJK (1917-1995)**
H. Alphons D. Walder

205 *Book Reviews*

208 *Upcoming Features*

VOLUME 45/NUMBER 3/MARCH 1996

Editorial

209 **IN THIS ISSUE . . .**
James I. Ausman

Genetics for Neurosurgeons

211 **ONE STEP CLOSER TO GENE THERAPY FOR PARKINSON'S DISEASE**
Alexander Kolchinsky

213 **POLYPOSIS COLI, CRANIOFACIAL EXOSTOSIS AND ASTROCYTOMA: THE CONCOMITANT OCCURRENCE OF THE GARDNER'S AND TURCOT SYNDROMES**
Radboud W. Koot, Theo J.M. Hulsebos, and Jacobus J. van Overbeeke
COMMENTARY
Roger N. Rosenberg and Alexander Kolchinsky

219 **TRIPLE PRIMARY MALIGNANT NEOPLASMS INCLUDING A MALIGNANT BRAIN TUMOR: REPORT OF TWO CASES AND REVIEW OF THE LITERATURE**
Motoo Nagane, Soichiro Shibui, Ryo Nishikawa, Hiroshi Oyama, Yukihiro Nakanishi, and Kazuhiro Nomura
COMMENTARY
Paul L. Kornblith and Alexander Kolchinsky

230 **EXPRESSION OF *BCL-2* GENE PRODUCT IN EMBRYONAL TUMORS OF THE CENTRAL NERVOUS SYSTEM**
Hidehiro Oka, Yuichi Satoh, Nobuyuki Kawano, Saburo Yagishita, and Toru Kameya
COMMENTARY
Paul L. Kornblith and Alexander Kolchinsky

236 **MOYAMOYA DISEASE ASSOCIATED WITH PERSISTENT PRIMITIVE TRIGEMINAL ARTERY VARIANT IN IDENTICAL TWINS**
Satoshi Suzuki, Takato Morioka, Toshio Matsushima, Kiyonobu Ikezaki, Kanehiro Hasuo, and Masashi Fukui
COMMENTARY
Roger N. Rosenberg

241 **SIMULTANEOUS OCCURRENCE OF ANEURYSM AND MULTIPLE MENINGIOMA IN KLIPPEL-TRENAUNAY PATIENTS: CASE REPORT**
Aldo Spallone and Vassili A. Tcherekayev

Vascular: Adult and Pediatric

245 **LARGE CEREBRAL ARTERIOVENOUS MALFORMATIONS: EXPERIENCE WITH 27 CASES**
Balaji Sadasivan and Peter Y.K. Hwang
COMMENTARY
Ghaus M. Malik

250 **DURAL ARTERIOVENOUS FISTULAS OF THE SUPERIOR SAGITTAL SINUS: CASE REPORT AND REVIEW OF THE LITERATURE**
S. Kurl, T. Saari, R. Vanninen, and J. Hernesniemi
COMMENTARY
Gerard Debrun and Christopher F. Dowd

Neoplasm

256 **VENTRICULOLUMBAR PERFUSION CHEMOTHERAPY WITH METHOTREXATE AND CYTOSINE ARABINOSIDE FOR MENINGEAL CARCINOMATOSIS: A PILOT STUDY IN 13 PATIENTS**
Hidemitsu Nakagawa, Toshiaki Fujita, Shigeki Kubo, Shuichi Izumoto, Yoshikazu Nakajima, Koichiro Tsuruzono, Koji Tokiyoshi, and Toru Hayakawa
COMMENTARY
William R. Shapiro

265 **INTRACRANIAL ADENOID CYSTIC CARCINOMA: CASE REPORT AND REVIEW OF THE LITERATURE**
Cargill H. Alleyne, Jr., Roy A.E. Bakay, Donal Costigan, Bill Thomas, and Greg J. Joseph
COMMENTARY
Mahmood F. Mafee and Arvind Kumar

Trauma: Endoscopy

272 **ENDOSCOPIC TREATMENT OF SEPTATED CHRONIC SUBDURAL HEMATOMA**
Dieter Hellwig, Thomas J. Kuhn, Bernhard L. Bauer, and Elisabeth List-Hellwig
COMMENTARY
Alan R. Cohen

278 THE FIBEROPTIC INTRAPARENCHYMAL CEREBRAL PRESSURE MONITOR IN 244 PATIENTS
Scott Shapiro, Robin Bowman, James Callahan, and Christopher Wolfla
COMMENTARY
John Laidlaw and Nelson P. Ferreira

Spine: Adult and Pediatric
283 SURGICAL TREATMENT OF A SACRAL NERVE ROOT CYST WITH INTERMITTENT CLAUDICATION IN AN 85-YEAR-OLD-PATIENT: CASE REPORT
Ching-Chan Su, Reizo Shirane, Tadao Okubo, Takamasa Kayama, and Takashi Yoshimoto
COMMENTARY
Ronald P. Pawl

287 DERMOID CYST WITHIN AN UPPER THORACIC MENINGOCELE
Keiichi Sakai, Keizo Sakamoto, Norio Kobayashi, and Hajime Iguchi
COMMENTARY
Dachling Pang

293 CEREBROSPINAL FLUID PSEUDOCYST AFTER ANTERIOR STABILIZATION FOR CERVICAL SPINE INJURY TREATED BY VENTRICULAR DRAINAGE: CASE REPORT
Miroslav Kala
COMMENTARY
Henry Feuer and John P. Wissinger

Resident's Corner
296 ARE STEROIDS USEFUL IN THE TREATMENT OF HEAD-INJURED PATIENTS?
J. Douglas Miller and Lawrence F. Marshall

Medical Instrument Evaluation
297 KIRWAN® "NON-STICK" BIPOLAR FORCEPS
Amir Samii and Manuel Dujovny

Special Editorial
299 ETHICS, AIDS, AND THE NEUROSURGEON
Milton D. Heifetz

Practice Development
301 PERSPECTIVES ON A NEUROSURGICAL PRACTICE
Harry O. Cole

Readers' Comments
302 UNINTENDED DUROTOMY
Clark Watts

303 *Book Reviews*

306 *Announcements*

310 *Quotes*

311 *Upcoming Features*

VOLUME 45/NUMBER 4/APRIL 1996

Editorial

313 **IN THIS ISSUE . . .**
James I. Ausman

Controversy: Neurosurgical Manpower Worldwide

314 **THE OVERPRODUCTION OF NEUROSURGEONS JEOPARDIZES FUTURE NEUROSURGICAL CARE**
George Stranjalis
COMMENTARY
Gilberto Machado de Almeida, Lindsay Symon, Prakash N. Tandon, Kintomo Takakura, Iftikhar Ali Raja, Jacques C. de Villiers, and George Foroglou

Neoplasms: Pediatric and Adult

320 **SUPRASELLAR MENINGIOMA AND BLINDNESS: A UNIQUE EXPERIENCE IN SAUDI ARABIA**
Ashraf Jallu, Imad Kanaan, Bengt Rahm, and Edir Siqueira
COMMENTARY
Iftikhar Ali Raja

324 **RAPID RECURRENCE OF CRANIOPHARYNGIOMA DURING PREGNANCY WITH RECOVERY OF VISION: A CASE REPORT**
Allen H. Maniker and Abbott J. Krieger
COMMENTARY
Jules Hardy

328 **MENINGIOMA IN CHILDREN: A REPORT OF NINE CASES AND REVIEW OF THE LITERATURE**
Bassem Y. Sheikh, Edir Siqueira, and Fouad Dayel
COMMENTARY
Concezio Di Rocco

336 **MR IMAGING OF CEREBROSPINAL FLUID RHINORRHEA FOLLOWING THE SUBOCCIPITAL APPROACH TO THE CEREBELLOPONTINE ANGLE AND THE INTERNAL AUDITORY CANAL: REPORT OF TWO CASES**
Masanori Kabuto, Toshihiko Kubota, Hidenori Kobayashi, Yuji Handa, Akira Tuchida, and Hiroaki Takeuchi

Featured Subject: Neoplasms & Diseases of the Pituitary

341 **TRANSSPHENOIDAL ADENOMECTOMY FOR MICROPROLACTINOMAS: 10 TO 20 YEARS OF FOLLOW-UP**
Fadi Massoud, Omar Serri, Jules Hardy, Maurice Somma, and Hugues Beauregard
COMMENTARY
George T. Tindall, Edward R. Laws, Jr., and Mary Lee Vance
AUTHOR'S REPLY
Omar Serri and Jules Hardy

347 **TUBERCULOMA OF THE HYPOTHALAMIC REGION AS A RARE CASE OF HYPOPITUITARISM A: CASE REPORT**
B. Indira, Manas K. Panigrahi, Girish Vajramani, S.K. Shankar, Vani Santosh, and B.S. Das
COMMENTARY
Leland Albright

351 **UNUSUAL PRESENTATION OF A PITUITARY ABSCESS**
Gady Har-El, Richard M. Swanson, and Risa H. Kent
COMMENTARY
Ivan Ciric

354 **Aspergillosis of the Sphenoid Sinus: Presentation as a Pituitary Mass and Postoperative Gallium-67 Imaging**
Kim M. Parker, Jeffrey K. Nicholson, R. Cem Cezayirli, and Paul J. Biggs
COMMENTARY
Ivan Ciric

Spine

359 **Brown-Sequard Syndrome Produced by Cervical Disc Herniation: Case Report and Literature Review**
Christopher S. Rumana and David S. Baskin
COMMENTARY
John P. Wissinger and Ronald P. Pawl

362 **MRI of Spinal Cord Radiation Necrosis Simulating Recurrent Cervical Cord Astrocytoma and Syringomyelia**
Surasak Phuphanich, Marianne Jacobs, F. Reed Murtagh, and Americo Gonzalvo
COMMENTARY
Jacques Brotchi and Bennett M. Stein

366 **Rapid Enlargement of a Syringomyelia Cavity Following Syringo-Subarachnoid Shunt: Case Report**
Masakazu Takayasu, Masato Shibuya, Naoki Kouketsu, and Yoshio Suzuki
COMMENTARY
Edward H. Oldfield

Pain

370 **Dural Arteriovenous Malformation Manifesting as *Tic Douloureux***
Masanori Ito, Tadao Sonokawa, Hideto Mishina, Yuou Iizuka, and Kiyoshi Sato
COMMENTARY
Hae Dong Jho

376 **Hydrocephalus and Macrocrania: Surgical or Non-Surgical Treatment of Postshunting Subdural Hematoma?**
Alfredo Puca, Eduardo Fernandez, Cesare Colosimo, Liverana Lauretti, Roberto Pallini, and Gianpiero Tamburrini
COMMENTARY
Luis Schut and A.D. Hockley

Technical Note

383 **Cosmetic Reconstruction of Temporal Defect following Peritonal Craniotomy**
Behnam Badie
COMMENTARY
Robert A. Fabi

New Technology

385 **Magnetic Resonance Imaging of Human Brain Function**
Michael E. Moseley, Alexander de Crespigny, and Dan M. Spielman
COMMENTARY
Glen Dobben, Noam Alperin, and Mahmood F. Mafee

Resident's Corner

392 **THE NEUROBIOLOGICAL BASIS OF FEVER**
Amir Samii

Perspectives on the Future

394 **THE WEST'S DEEPENING CULTURAL CRISIS**
Richard Eckersley

399 **STOP COMPLAINING AND DO SOMETHING CONSTRUCTIVE!**
James I. Ausman

401 *Book Reviews*

404 *Upcoming Features*

VOLUME 45/NUMBER 5/MAY 1996

Editorial

405 **IN THIS ISSUE . . .**
James I. Ausman

Clinical Controversy

406 **TRIGEMINAL NEURALGIA**
Yücel Kanpolat, Hae-Dong Jho, John M. Tew, Jr., Mario Brock, and Yuri A. Grigoryan

Featured Subject: Intracranial Aneurysms

409 **GIANT ANEURYSMS OF THE ANTERIOR CIRCLE OF WILLIS: MANAGEMENT OUTCOME OF OPEN MICROSURGICAL TREATMENT**
Robert J. Gewirtz and Issam A. Awad
COMMENTARY
Christopher F. Dowd, Takashi Yoshimoto, and Michel E. Mawad

422 **EVALUATION OF OUTCOME AFTER INTRACRANIAL ANEURYSM SURGERY: THE NEUROPSYCHIATRIC APPROACH**
Xabier Beristain, Manuel Dujovny, Tarik H. Abd El-Bary, Jennifer L. Stark, Moises Gaviria, and James I. Ausman
COMMENTARY
R. P. Sengupta, Thomas A. Kopitnik, Jr., and Duke Samson

430 **EARLY SURGERY IMPROVES THE CURE OF ANEURYSM-INDUCED OCULOMOTOR PALSY**
Sirpa Leivo, Juha Hernesniemi, Matti Luukkonen, and Matti Vapalahti
COMMENTARY
Bryce K. Wier

435 **FALSE LOCALIZATION OF RUPTURE BY COMPUTED TOMOGRAPHY IN BILATERAL INTERNAL CAROTID ARTERY ANEURYSMS**
Kyu-Chang Lee, Jin-Yang Joo, and Kyu-Sung Lee
COMMENTARY
Giulio Maira, Arthur L. Day, Takashi Yoshimoto, and Kazuo Mizoi

442 **Cisternal Talc Injection in Dog Can Induce Delayed and Prolonged Arterial Constriction Resembling Cerebral Vasospasm Morphologically and Pharmacologically**
Kazuya Nagata, Tomio Sasaki, Takashi Mori, Hirofumi Nikaido, Eiichi Kobayashi, Phyo Kim, and Takaaki Kirino
COMMENTARY
Neal F. Kassell

Medical Instrument Evaluation
448 **Sugita Aneurysm Clip Sterilizing Tray**
Mukesh Misra, Manuel Dujovny, and Nadav Dujovny

New Technology
450 **Near-Infrared Monitoring of Cerebral Oxygenation State During Carotid Endarterectomy**
Satoshi Kuroda, Kiyohiro Houkin, Hiroshi Abe, Yoko Hoshi, and Mamoru Tamura

Special Article: Trauma
459 **Evaluating Cerebral Concussion**
Dwight Parkinson

Historical Vignette
463 **The First Primary Brain Tumor Operation in America**
Thomas Keller
COMMENTARY
Eben Alexander, Jr.

Neoplasm
467 **Cerebellopontine Angle Glioneuronal Hamartoma**
Cheryl Ann Palmer, Jeannette J. Townsend, H. Ric Harnsberger, James L. Parkin, and Ronald I. Apfelbaum
COMMENTARY
Hae-Dong Jho

470 **Preoperative MRI Diagnosis of Lhermitte–Duclos Disease: Case Report with Associated Enlarged Vessel and Syrinx**
Leo J. Wolansky, Grace P. Malantic, Robert F. Heary, Allen H. Maniker, Huey-Jen Lee, Leroy R. Sharer, and Upen J. Patel
COMMENTARY
Peter McL. Black, Lawrence E. Ginsberg, and Mahmood F. Mafee

Anatomy
477 **Unilateral Tongue Atrophy Due to an Enlarged Emissary Vein in the Hypoglossal Canal**
Zenji Shiozawa, George Koike, Kyoji Seguchi, Kazumasa Shindo, and Ken-ichiro SugitaMeeting Review

480 **The Second Congress of the International Stereotactic Radiosurgery Society**
John Laidlaw

Brachytherapy
482 **TIRILAZAD DOES NOT PROTECT RAT BRAIN FROM BRACHYTHERAPY-INDUCED INJURY**
Mark Bernstein, Alberto M. Cabantog, Jennifer Glen, Shirley Stiver, and David Mikulis
COMMENTARY
Paul L. Kornblith

Resident's Corner
490 **IS HOW YOU LOOK IMPORTANT?**
James I. Ausman

Medicolegal Issues
492 **THOU SHALT NOT BEAR FALSE WITNESS**
Harold D. Portnoy

Special Editorial
495 **RETIREMENT: WHAT TO DO?**
W. Eugene Stern

497 **THE PHYSICIAN'S ROLE IN CURING SOCIAL ILLS**
Benjamin Carson

Readers' Comments
504 **MEDICARE AND HMOS**
Stanley Pelofsky and B. J. Rutledge

505 *Book Reviews*

509 *Upcoming Features*

VOLUME 45/ NUMBER 6/ JUNE 1996

Editorial
511 **IN THIS ISSUE . . .**
James I. Ausman

Clinical Controversy
512 **EXTRUDED CERVICAL DISC**
James I. Ausman

Featured Subject: Spine
517 **SURGICAL TREATMENT OF THORACIC DISC HERNIATION: A REAPPRAISAL OF LARSON'S LATERAL EXTRACAVITARY APPROACH**
Roberto Delfini, Nicola Di Lorenzo, Pasquale Ciappetta, Roberto Bristot, and Giampaolo Cantore
COMMENTARY
Sanford J. Larson, Kyu Chang Lee, E. H. Grote, and J. Gawlowski

524 **SPINAL GIANT INTRADURAL PERIMEDULLARY ARTERIOVENOUS FISTULA: CLINICAL AND NEURORADIOLOGICAL STUDY IN ONE CASE WITH REVIEW OF LITERATURE**
Chikao Nagashima, Akihiro Miyoshi, Ritsuko Nagashima, Masazumi Ogawa, Kyoko Enomoto, and Tsuneya Watabe
COMMENTARY
Gerard Debrun

533 **CINE-MODE MAGNETIC RESONANCE IMAGING OF A THORACIC INTRADURAL ARACHNOID CYST: CASE REPORT**
Miki Fujimura, Teiji Tominaga, Keiji Koshu, Hiroaki Shimizu, and Takashi Yoshimoto
COMMENTARY
Mahmood F. Mafee

Neoplasm

537 **INTRAMEDULLARY EPIDERMOID CYST IN THE BRAIN STEM: CASE REPORT**
Kimio Yoshizato, Yutaka Kai, Jun-ichi Kuratsu, and Yukitaka Ushio
COMMENTARY
Charles B. Wilson

Cerebrovascular Disease

541 **INDIRECT REVASCULARIZATION FOR MOYAMOYA DISEASE: IS THERE A BENEFICIAL EFFECT FOR ADULT PATIENTS?**
Kazuo Mizoi, Takamasa Kayama, Takashi Yoshimoto, and Yoshihide Nagamine
COMMENTARY
Y. Yonekawa, N. Ogata, K. Strommer, and Masashi Fukui

550 **OMENTAL TRANSPLANTATION USING A SUPERFICIAL TEMPORAL ARTERY PREVIOUSLY USED FOR ENCEPHALODUROARTERIOSYNANGIOSIS**
Hajime Touho, Jun Karasawa, Hiroshi Tenjin, and Satoshi Ueda
COMMENTARY
Jens Haase and Harry S. Goldsmith

560 **VERY POOR PROGNOSIS IN CASES WITH EXTRAVASATION OF THE CONTRAST MEDIUM DURING ANGIOGRAPHY**
Toshihiro Yasui, Hiroshige Kishi, Masaki Komiyama, Yoshiyasu Iwai, Kazuhiro Yamanaka, and Misao Nishikawa
COMMENTARY
Nicholas Dorsch, Thomas A. Kopitnik, Jr., and Duke Sampson

Trauma

566 **TRAUMATIC LACERATION OF THE INTRACRANIAL VERTEBRAL ARTERY CAUSING FATAL SUBARACHNOID HEMORRHAGE: CASE REPORT**
Toshiharu Asai, Kazuo Kataoka, Toshifumi Uejima, Ikuhiro Sakata, and Mamoru Taneda
COMMENTARY
Jeffrey E. Pearce and Gaylan L. Rockswold

570 THE RELATIONSHIP BETWEEN BRAIN SURFACE ELASTANCE AND BRAIN RE-EXPANSION AFTER EVACUATION OF CHRONIC SUBDURAL HEMATOMA
Toru Fukuhara, Masaki Gotoh, Shoji Asari, Takashi Ohmoto, and Tatsuro Akioka
COMMENTARY
Robert F. Mann and Richard H. Mortara

Infection
575 CEREBRAL ALVEOLAR HYDATIDOSIS: CASE REPORT
Cahide Topsakal, Yunus Aydin, Faruk Aydin, Yüksel Şahin, Turgay Bilge, Derya Kasaroğlu, and Nesrin Delibalta
COMMENTARY
Julio Sotelo

Resident's Corner
582 ADVICE TO YOUNG NEUROSURGEONS
Hajime Handa

Point of View
583 RETIREMENT: WHAT TO DO?
J. Lawrence Pool, Manuel Velasco-Suarez, and Juan Carlos Christensen

Meeting Review
585 THE FIRST INTERIM MEETING OF THE EUROPEAN SOCIETY FOR PAEDIATRIC NEUROSURGERY
James I. Ausman

Special Editorial
587 OCTOGENARIAN PEARLS
Eben Alexander, Jr.

Readers' Comments
590 UNINTENDED "INCIDENTAL" DUROTOMY
Lawrence H. Fink

591 APPROACHES TO MCA ANEURYSMS
György I. Csécsei

Book Reviews
593 OPERATIVE NEUROSURGICAL TECHNIQUES, VOLS. 1 & 2 (ED. SCHMIDEK & SWEET)
James I. Ausman

594 GENE THERAPEUTICS: METHODS AND APPLICATIONS OF DIRECT GENE TRANSFER (ED. WOLFF)
Alexander Kolchinsky

595 *Author Index to Volume 45*

604 *Subject Index to Volume 45*